# **EXHIBIT 5**

# MAO DECLARATION ISO PLAINTIFFS' MOTION FOR CLASS CERTIFICATION

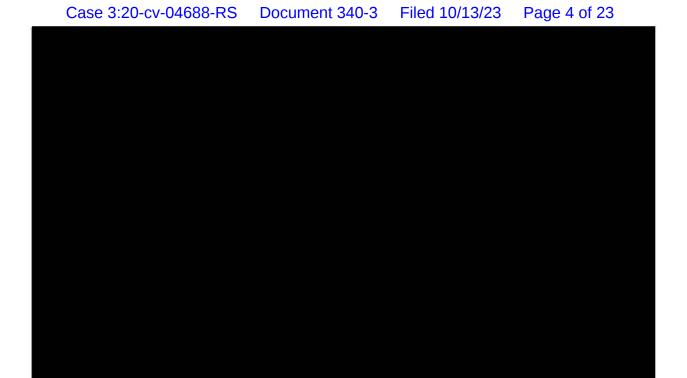
# PUBLIC REDACTED VERSION



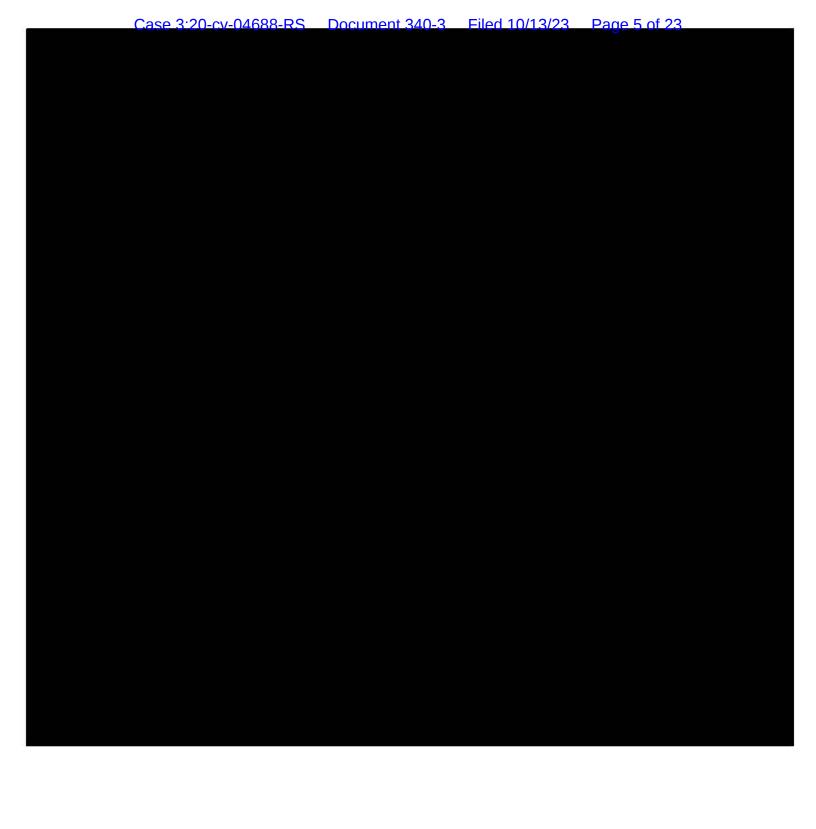
 $https://docs.google.com/document/d/1J|QIXCOBeWIka\_Evt-sfbQeweaoG2bdGFqquz9yWfLU/edit?ts=59551dd3$ 

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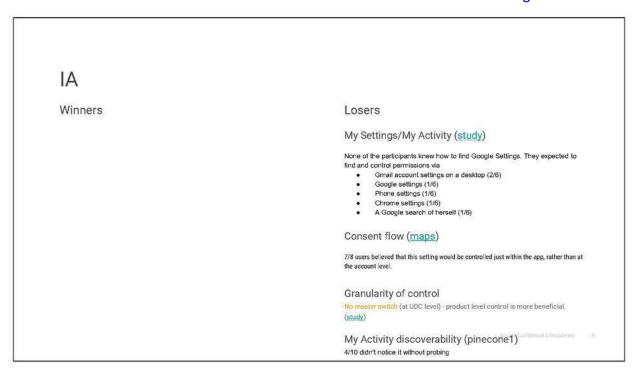
# INFORMATION ARCHITECTURE



| Some device items are in this list. |  |  |  |
|-------------------------------------|--|--|--|
|                                     |  |  |  |
|                                     |  |  |  |
|                                     |  |  |  |



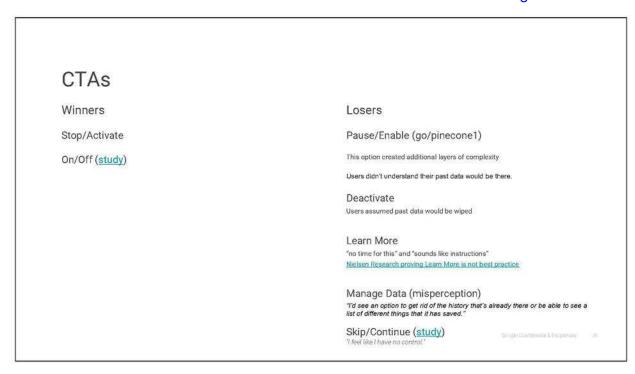


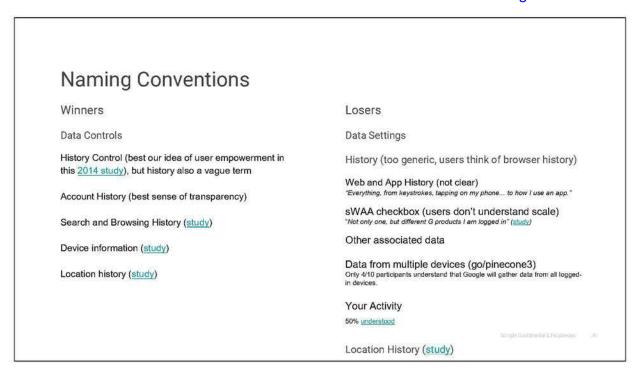


| 1.6                  |                                                                   |
|----------------------|-------------------------------------------------------------------|
| IA                   |                                                                   |
| Minnoro              | Locara                                                            |
| Winners              | Losers                                                            |
| Toggles!!            | WAA + sWAA                                                        |
| Section 4 Conference |                                                                   |
|                      | In our Munich Pinecone study (go/pinecone3), we observed that     |
|                      | only 3/10 participants understand the relation between the        |
|                      | sWAA and the WAA. One participant thought it would deactivate     |
|                      | her third party apps.                                             |
|                      | In Barcelona (go/pinecone5-results), we still didn't fix the sWAA |
|                      | aspect of the setting. We found that 8/10 didn't understand the   |
|                      | sWAA text and the effect this could have in their experience.     |
|                      | Only 2/10 participants kind of understood the text in the sWAA    |
|                      | and the difference with the WAA. One participant was so           |
|                      | confused he even thought it was something to deactivate ads. It   |
|                      | might have been caused by a translation that included the words   |
|                      | "Third Parties" but, regardless, we need to keep iteration on how |
|                      | we can best explain sWAA and relate it to WAA.                    |
|                      | Garunte Country Country & Property on                             |

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# Value props

#### Winners

Make searches faster and get customized experiences in Search, Maps, Now and other Google products (WAA, <u>study</u>)

Clarify what kind of data is included in "Your voice and audio" and "Information from your device."

/ Content & value proposition: More explicit information / examples is good. (study)

Participants wanted to know how opting in would provide them value in order to make a more informed decision Seems like examples need to be tailored too in order to be effective in communicating value. Some pots liked the ear parking ex., but some clidn't have a car, and were unconvinced.

#### Losers

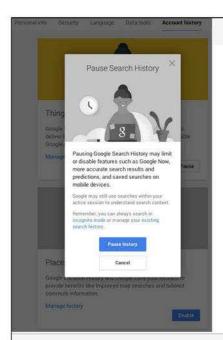
Help Google Understand (study)

Speed up your searches and help products like Search and Google Now provide customized information like travel and commute updates (<u>study</u>).

No comprehension of what data is collected

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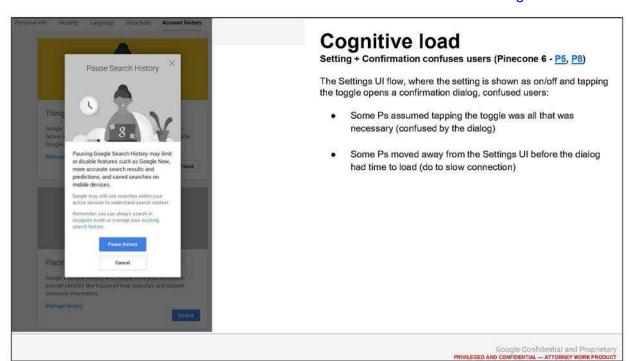


# Cognitive load Flow takes time to process (in this 2014 study)

The flow was perceived as too text heavy. Having gone through the pausing flow:

- 10/10 Ps stated that existing data still be there / not deleted (→ what we want)
- 6/10 Ps thought past data could affect current UX. The remaining 4 were unsure.(→ we need to improve this)
- 7/10 Ps said they could go to search history to delete data (→ this is good)
- 6/10 Ps mentioned pause or incognito as an option to not be traced.

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# Misperceptions

# Misconceptions between clearing browsing history and deleting data.

I usually clear my browsing history because I don't want my brother to see it. I didn't know this (Web & App) existed here. - P4

#### Deleting vs. Turning off

Only 2/10 understood their previous information would still be saved but no new information would be gathered. (pinecone1) In Barcelona (acromencene5-results), we found that -7/10 understood that when they turned OFF WAA, that no

- new activity would be stored.

   4/10 fully and 3/10 partly understood that when they turned OFF WAA that data will not be deleted
- 4/10 went to 'Delete my activity' unprompted. One user expected to get a prompt 'Do you want to delete your activity' when turning off the WAA setting

People were taken aback with the data that was visible through the different activity managers.

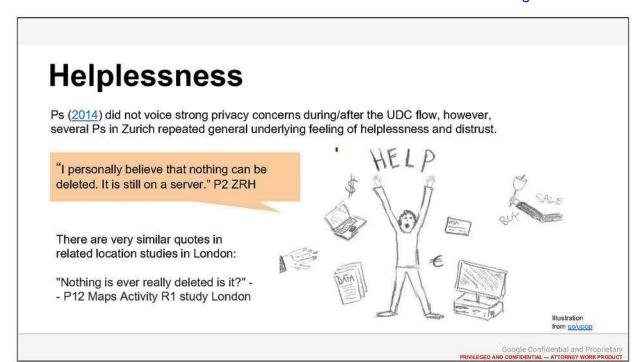
I didn't realise this was there, I might be a bit wary now that I'm seeing it (but I have nothing to hide). - P6

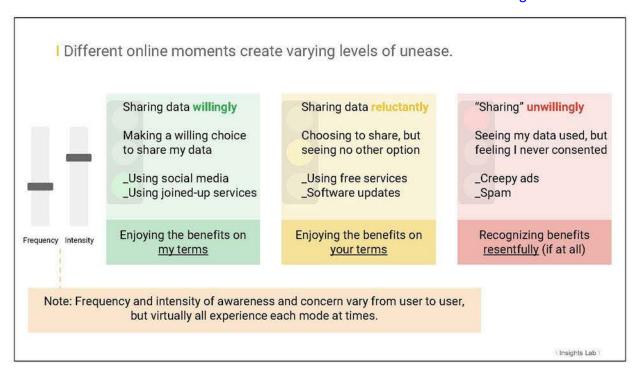


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# ATTITUDINAL OBSERVATIONS





https://docs.google.com/presentation/d/19ftWAldFzEHFO-oJ6WGWR6H13zBtcyLRGG5Oy31vvEU/edit?ts=590a1a79#slide=id.g223edf523a\_0\_843

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# RESEARCH QUESTIONS

|   | _ |    |   |    |    |   |    |            |     |    |   |   |   |    |               |
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Granularity (more or less settings)

Google-wide
Where do think this data is going? Who is saving this
(product vs. Google)?

| Comprehension                 |
|-------------------------------|
| What is saved                 |
| When it is saved              |
| How Google uses it            |
| What control/options you have |

## Trust

### Control

Do you feel in control? Do you feel like you have options?

### Confidence

Do you feel like you can make an educated decision? Do you care about this stuff at all?

#### Tradeoff

Is Google asking for things you think Google should ask for (are we overreaching)? Do you feel like you are getting more "value" out of Google for the data you are giving?

### Fear of Google

How do you feel about Google have this data, vs. just the product?

Do you feel Google has your best interest at heart